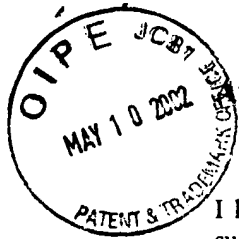


2665  
#3



Attorney Docket No. MOBI-011/00US

PATENT

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, Washington, D. C. 20231 on April 17, 2002.

By:

*Carrie E. Bickle*  
Carrie E. Bickle

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of Eladio C. Arvelo

Serial No.:	09/994,260	Examiner:	Not Yet Assigned
Filed:	November 26, 2000	Art Unit:	Not Yet Assigned
For:	POWER CONTROL IN WIRELESS COMMUNICATIONS BASED ON ESTIMATIONS OF PACKET ERROR RATE		

Commissioner for Patents  
Washington, D.C. 20231

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**REVOCATION AND NEW POWER BY ASSIGNEE  
AND STATEMENT UNDER 37 C.F.R. §3.73(b)**

The Assignee of the entire right, title, and interest in the above-identified application hereby revokes all previously granted powers and grants the registered practitioners of Cooley Godward LLP included in the Customer Number provided below power to act, prosecute, and transact all business in the U.S. Patent and Trademark Office in connection with this application, any applications claiming priority to this application, and any patents issuing therefrom.

The assignee certifies that to the best of its knowledge and belief it is the owner of the entire right, title, and interest in and to the above-identified application as evidenced by:

Attorney Doc No. MOBI-011/00US  
Application Serial No. 09/994,260

Page 2

An assignment previously recorded in the U.S. Patent and Trademark Office at  
Reel 012334, Frame 0273 recorded on November 26, 2001.

Please direct all telephone calls and correspondence to:

COOLEY GODWARD LLP  
ATTN: Patent Group  
Five Palo Alto Square  
3000 El Camino Real  
Palo Alto, CA 94306-2155  
Tel: (650) 843-5000  
Fax: (650) 857-0663

CUSTOMER NUMBER: **23419**

The undersigned (whose title is supplied below) is empowered to sign this  
statement on behalf of the assignee.

Date: 4/29/2002

Signature: Gregory A. Zafiris  
Name: Gregory A. Zafiris  
Title: Senior Counsel, Law & Administration  
Company: Mobilian Corporation

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THE FOLLOWING HAS BEEN RECEIVED IN THE U.S. PATENT OFFICE ON THE DATE STAMPED HEREON:

☐ REGULAR/PROVISIONAL APPLICATION:

- ☐ PPS DESCRIPTION
- ☐ PPS CLAIMS
- ☐ PPS ABSTRACT

☐ PROVISIONAL COVER SHEET

☐ APPLICATION DATA SHEET

☐ DRAWINGS: \_\_\_\_\_ SHEETS OF INFORMAL/FORMAL

☐ EXECUTED/UNEXECUTED DECLARATION / POA

☒ POWER OF ATTORNEY

☐ RECORDATION FORM COVER SHEET

☐ ASSIGNMENT

☐ ASSERTION OF SMALL ENTITY STATUS

☐ REQUEST FOR REFUND

☐ RESPONSE/AMENDMENT

☐ RESPONSE TO NOTICE TO FILE MISSING PARTS

☐ NOTICE TO FILE MISSING PARTS

☐ RESPONSE TO NOTICE TO FILE MISSING PARTS

☐ NOTICE TO FILE MISSING PARTS

☐ INFORMATION DISCLOSURE STATEMENT

☐ FORM PTO/SB/08

☐ CITED REFERENCES \_\_\_\_\_

☐ SEQUENCE LISTING - HARD COPY

☐ SEQUENCE LISTING - ASCII FORMAT, DISKETTE / CD

☐ NOTICE OF APPEAL

☐ APPEAL BRIEF

☐ ISSUE FEE TRANSMITTAL

☐ TRANSMITTAL

☐ REQUEST FOR CORRECTION OF \_\_\_\_\_

☐ PETITION FOR EXTENSION OF TIME (\_\_\_\_\_ MONTHS)

☐ CHECK NO. \_\_\_\_\_ FOR \$ \_\_\_\_\_

☐ EXPRESS MAIL # \_\_\_\_\_

☐ OTHER: \_\_\_\_\_

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☐ \_\_\_\_\_

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SERIAL NO.:

ATTORNEY DOCKET NO.:

MAIL DATE:

DUE DATE:

ATTORNEY/SECRETARY:

BOX \_\_\_\_\_



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2734

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application No.	09/577,000
		Filing Date	May 24, 2000
		First Named Inventor	GIGA A/S
		Group Art Unit	2734
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	11	Attorney Docket Number	42P11131

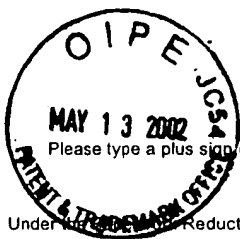
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ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application   <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert a Provisional Application  <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">Statement Under 3.73(b) (1 pg.); copies of assignment documents (6 pgs.); return receipt postcard</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Gregory D. Caldwell, Reg. No. 39,926 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	May 3, 2002

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on: May 3, 2002			
Typed or printed name	Mary E. Warinner		
Signature		Date	May 3, 2002

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## REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/577,000
Filing Date	May 24, 2000
First Named Inventor	Christensen, Steen Bak
Group Art Unit	2734
Examiner Name	Not Yet Assigned
Attorney Docket Number	42390.P11131

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

☐ A Power of Attorney or Authorization of Agent is submitted herewith.

OR

☒ Please change the correspondence address for the above-identified application to:

☒ Customer Number 08791

Place Customer  
Number Bar Code  
Label here

OR

☐ Firm or  
Individual Name

Address

Address

City

Country

State

ZIP

Telephone

Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

### SIGNATURE of Applicant or Assignee of Record

Name

Tom Reynolds, Director of Patents

Signature

*Tom Reynolds*

Date

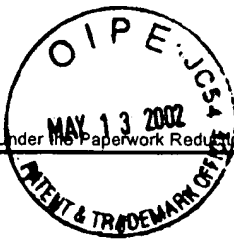
2-20-02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Intel Corporation

Application No./Patent No.: 09/577,000 Filed/Issue Date: May 24, 2000

Entitled: A METHOD AND A CIRCUIT FOR RETIMING A DATA SIGNAL

Intel Corporation, a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Christensen To: GIGA ApS  
The document was recorded in the United States Patent and Trademark Office at  
Reel 010821, Frame 0230, or for which a copy thereof is attached.

2. From: GIGA To: Intel Corporation  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

2-20-02  
Date

Tom Reynolds

Typed or printed name

Tom Reynolds  
Signature

Director of Patents, Intel Corp.

Title

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MAY 13 2002

FEE TRANSMITTAL  
for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

(\$)

## Complete if Known

Application Number	09/577,000
Filing Date	May 24, 2000
First Named Inventor	GIGA A/S
Examiner Name	Not Yet Assigned
Group/Art Unit	2734
Attorney Docket No.	42p11131

## METHOD OF PAYMENT (check one)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None  
☐ Deposit AccountDeposit  
Account  
Number

02-2666

Deposit  
Account  
Name

Blakely, Sokoloff, Taylor &amp; Zafman LLP

The Commissioner is authorized to: (check all that apply)

- ☐ Charge fee(s) indicated below ☒ Credit any overpayments
- ☐ Charge any additional fee(s) during the pendency of the application
- ☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

## 2. EXTRA CLAIM FEES

Total Claims		**	=		X		=	
Independent Claims			=		X		=	
Multiple Dependent			=				=	

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple Dependent claim, if not paid	
109	84	209	42	**Reissue independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$)

\*\*or number previously paid, if greater. For Reissues, see below

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type) Gregory D. Caldwell

Registration No.  
(Attorney/Agent)

39,926

Telephone

(503) 684-6200

Signature

Date

05/03/02

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2039.**

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SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Application No. 09/577,000

Filing Date: 05/24/00

BSTZ Docket #: 042390.P11131

Atty Sec EHT/GDC/mew

Date Mailed: 05/03/2002

Docket Due Date(s):

Client: Intel Corporation

Title A METHOD AND A CIRCUIT FOR RETIMING A DIGITAL DATA SIGNAL

Inventor(s)

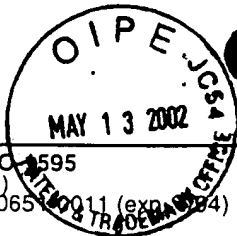
*The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:*

- |                                                                        |                                                                                            |
|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Amendment: (___ pgs)                          | <input type="checkbox"/> Information Disclosure Statement & PTO/SB/08 (___ pgs)            |
| <input type="checkbox"/> Appeal Brief & two copies (___ pgs)           | <input type="checkbox"/> Issue Fee Transmittal (original & copy)                           |
| <input type="checkbox"/> Application: (___ pages w/ cover & abstract)  | <input type="checkbox"/> Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i)            |
| <input checked="" type="checkbox"/> Assignment & Cover Sheet (___ pgs) | <input type="checkbox"/> Notice of Appeal                                                  |
| <input type="checkbox"/> Certificate of                                | <input type="checkbox"/> Petition for: ___                                                 |
| <input type="checkbox"/> Continued Prosecution Application (CPA)       | <input type="checkbox"/> Request for Continued Examination (RCE)                           |
| <input type="checkbox"/> Declaration & POA (___ pgs)                   | <input type="checkbox"/> Reply Brief (___ pgs)                                             |
| <input type="checkbox"/> Drawings: ___ sheets, ___ figures             | <input type="checkbox"/> Request to Rescind Previous Nonpublication Request                |
| <input type="checkbox"/> Express Mail No: ___                          | <input type="checkbox"/> Response to Notice of Missing Parts & Formalities Letter          |
| <input type="checkbox"/> Extension of Time: ___                        | <input type="checkbox"/> Terminal Disclaimer                                               |
| <input type="checkbox"/> Fee Transmittal (original & copy)             | <input type="checkbox"/> Transmittal of Formal Drawings                                    |
| <input type="checkbox"/> Other: _____                                  | <input type="checkbox"/> Transmittal of Publication Fee Due                                |
|                                                                        | <input type="checkbox"/> Transmittal Letter                                                |
|                                                                        | <input checked="" type="checkbox"/> Check No. <u>11634</u> in the Amount of <u>\$40.00</u> |
|                                                                        | <input type="checkbox"/> Check No. ___ in the Amount of                                    |

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Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

GIGA A/S

2. Name and address of receiving party(ies):

Name: Intel Corporation

Additional name(s) of conveying party(ies) attached?

☒ No ☐ Yes

Internal Address: \_\_\_\_\_

Street Address: 2200 Mission College Boulevard

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

City: Santa Clara State: \_\_\_\_\_

Country: USA

Execution Date: 9/1/01, 3/15/02

Additional name(s) & address(es) attached? ☒ No ☐ Yes

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/577,000

B. Patent No.(s)

Additional numbers attached?

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Blakely, Sokoloff, Taylor & Zafman LLP

Internal Address: \_\_\_\_\_

Street Address: 12400 Wilshire Boulevard  
7th Floor

City: Los Angeles State: CA ZIP: 90025

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit Account Number:

02-2666

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Gregory D. Caldwell

Name of Person Signing

  
Signature

May 3, 2002

Date

Total number of pages including cover sheet, attachments, and document: 5

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Washington, D.C. 20231

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Attorney's Docket

**ASSIGNMENT**

**PATENT**

No.: 42390.P11131 (For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned GIGA

hereby sells, assigns, and transfers to Intel Corporation

a corporation of Delaware, having a principal place of business at

2200 Mission College Boulevard, Santa Clara, California 95052, U.S.A., ("Assignee"),

and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed May 24, 2000 and assigned Application No. 09/577,000 and is entitled

**A METHOD AND A CIRCUIT FOR RETIMING A DIGITAL DATA SIGNAL**

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 4/1, 20 11 Patrice C. Scatena  
Name: Patrice Carmel Scatena  
Chairman of the Board, GIGA

Date: \_\_\_\_\_, 20 \_\_\_\_  
Name: David Byron Marsing  
Chief Executive Officer, GIGA

Attorney's Docket

**ASSIGNMENT**

**PATENT**

No.: 42390.P11131 (For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned GIGA, hereby sells, assigns, and transfers to Intel Corporation a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California 95052, U.S.A., ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed May 24, 2000 and assigned Application No. 09/577,000 and is entitled

A METHOD AND A CIRCUIT FOR RETIMING A DIGITAL DATA SIGNAL, and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: \_\_\_\_\_, 20 \_\_\_\_

Name: Patrice Carmel Scatena  
Chairman of the Board, GIGA

Date: 3/15, 20 05

  
Name: Noel Lazo  
Board Member, GIGA

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